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NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3. AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 17:36:00 ON 09 MAR 2009

=> file registry

COST IN U.S. DOLLARS FULL ESTIMATED COST

SINCE FILE ENTRY 0.22

TOTAL SESSION 0.22

FILE 'REGISTRY' ENTERED AT 17:36:21 ON 09 MAR 2009 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2009 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 8 MAR 2009 HIGHEST RN 1117698-24-4 DICTIONARY FILE UPDATES: 8 MAR 2009 HIGHEST RN 1117698-24-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

Uploading C:\Program Files\STNEXP\Queries\10537916 II.str

Oras H.V.

chain nodes :

ring nodes :

G1:H,Cb,Ak
G2:H,Cb,Ak,O
Match level:

18 19 20 21 22 23 24 25 26 27 32

```
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 28 33 34 35 36 37
38
chain bonds :
1-18 15-21 16-32 18-19 19-20 19-37 21-22 21-27 22-23 23-24 24-25 24-26
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 7-11 7-28 8-9 8-14 9-10 11-12
11-28 12-13 13-14 13-15 14-17 15-16 16-17 33-34 33-38 34-35 35-36 36-37
37-38
exact/norm bonds :
1-2 1-6 1-18 2-3 3-4 4-5 4-7 5-6 5-10 7-8 7-11 7-28 8-9 8-14 9-10
11-12 11-28 12-13 13-14 13-15 14-17 15-16 16-17 16-32 18-19 19-20 21-27
22-23 23-24 24-25 24-26
exact bonds :
15-21 19-37 21-22
normalized bonds :
33-34 33-38 34-35 35-36 36-37 37-38
```

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS 0:CLASS 21:CLASS 22:CLASS 23:Atom 32:CLASS 33:Atom 34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 38:Atom 36:Atom 37:Atom 38:Atom 38:Atom 36:Atom 37:Atom 38:Atom 38:Atom 37:Atom 38:Atom 38:Atom 37:Atom 38:Atom 38:Atom 37:Atom 38:Atom 38:Atom 37:Atom 38:Atom 38:Atom 37:Atom 38:Atom 38:Atom 37:Atom 38:Atom 38

L1 STRUCTURE UPLOADED

=> d L1 HAS NO ANSWERS

STR

G1 H, Cb, Ak

G2 H, Cb, Ak, O

Structure attributes must be viewed using STN Express query preparation.

=> s 11 sam SAMPLE SEARCH INITIATED 17:36:55 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED -

9 TO ITERATE

100.0% PROCESSED 9 ITERATIONS SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE** BATCH **COMPLETE** PROJECTED ITERATIONS: 9 TO PROJECTED ANSWERS: 0 TO

1.2 0 SEA SSS SAM L1

=> s 11 full

FULL SEARCH INITIATED 17:37:00 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 242 TO ITERATE

100.0% PROCESSED 242 ITERATIONS 0 ANSWERS

SEARCH TIME: 00.00.01

0 SEA SSS FUL L1 L3

=> s l1 fam sam

STRUCTURES CONTAINING VARIABLE NODES NOT VALID IN EXACT OR FAMILY SEARCH You have requested a full structure (EXA or FAM) search on a structure containing one of the special variable-atom symbols A, M, Q, or X, or a variable group G. Only bond variability is allowed in structures for EXA or FAM searches. Variable

nodes are never permitted.

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y) /N/HOLD:y COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 186.36 186.58

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 17:37:20 ON 09 MAR 2009